

REMARKS

The Examiner has questioned the meaning of the term "higher layer network." Applicant has added a sentence on page 13 of the specification to indicate that the parameters such as Eb/No, C/I and delay spread relating to the channel estimator 52 for each station correspond to the parameters specified for the channel estimator 72 in that station. Applicant has also added a further sentence on page 13 of the specification to indicate that the higher layer network for each station has a higher priority in providing the forward link parameters for that station then the reverse link parameters from the other station.

Applicant respectfully submits that the addition to the discussion on page 13 of the specification, as discussed in the previous paragraph in these Remarks, does not constitute new matter since the addition is supported by the application as originally filed. For example, applicants refer the Examiner to the sentence in lines 6-9 on page 13 of the specification as originally filed.

The Examiner has questioned whether applicants have provided sufficient support in the specification for the recital of the higher layer networks in claims 5, 11, 26 and 28. The Examiner has referred to applicants' discussion in lines 6-10 on page 10 of the specification in questioning whether applicants have made a sufficient disclosure of the higher layer network. Applicants respectfully refer the Examiner to the paragraph (as amended) on page 13, lines 3-9, for an additional discussion of higher layer networks. In that paragraph, parameters such as Eb/No, C/I and delay spread are mentioned. Applicants also respectfully refer the Examiner to the discussion on page 11, line 3 to page 12, line 2, for an explanation of these parameters. Applicant specifically submits that the paragraph (as amended) on page 13, lines 3-9 and the paragraphs on page 11, line 3, to page 12, line 2 provide a sufficient disclosure to teach a person of ordinary skill in the art what a higher layer network constitutes.

Claims 11, 26 and 28 are dependent from claims which have been allowed. Because of this, claims 11, 26 and 28 should be allowed. This is particularly true since none of the references cited by the Examiner discloses a higher layer network such as disclosed and recited by applicant and since none of the references discloses that a higher layer network in a particular station replaces the reverse link parameters from the other station as the forward link parameters for the particular station.

Applicant believes that claims 3 and 4 are definite as previously written. However, applicant has amended claims 1-4 to overcome the objections of the Examiner. As now written, claims 1-4 are believed to be definite.

Claims 1-35 have been retained in the application. Claims 1 and 2 have been rejected under 35 USC 102(a) as being anticipated by Scott patent 5,689,502. As now written, claims 1 and 2 are allowable over Scott for certain important reasons.

Scott does not disclose a method in which a first station provides a first preamble including first reverse link parameters and first forward link parameters and first data and transmits the first preamble and the first data to the second station. Scott also does not disclose a method in which the second station recovers the first data in accordance with the first forward link parameters and provides a second preamble including (a) second forward link parameters in accordance with the first reverse link parameters and including (b) second reverse link parameters and second data. There is also no disclosure in Scott that the first station transmits the second preamble and the second data to the second station.

Claim 2 is dependent from claim 1 and is accordingly allowable over Scott for the same reasons as claim 1. Claim 2 is additionally allowable over Scott because Scott does not disclose the steps at the first station of receiving the second preamble and the second data at the first station and recovering the second data at the first station in accordance with the second forward link parameters in the second preamble from the second station.

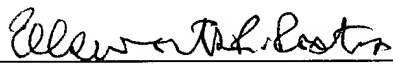
Applicant notes that the Examiner has not issued an Office Action on claims 3 and 4. Claims 3 and 4 are allowable over Scott because they are dependent from allowable claim 2. Claims 3 and 4 are also allowable over Scott because of the recitations in the claims.

Applicant has rewritten claim 6 in independent form in accordance with the suggestion of the Examiner. Applicant notes and appreciates the indication by the Examiner that claim 6 would be allowable if rewritten in independent form including all of the limitations of the base claim. Since applicant has rewritten claim 6 as an independent claim in accordance with the suggestions of the Examiner, reconsideration and allowance of claim 6 are respectfully requested.

Applicants note and appreciate the indication by the Examiner that claims 7-10, 12-25, 27 and 29-35 are allowed.

Respectfully submitted,

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